

Title (en)
ROBOTIC PAINT REPAIR

Title (de)
REPARATUR VON LACKIERROBOTERN

Title (fr)
RÉPARATION ROBOTIQUE DE PEINTURE

Publication
EP 4065289 A1 20221005 (EN)

Application
EP 20817089 A 20201124

Priority
• US 201962940960 P 20191127
• IB 2020061088 W 20201124

Abstract (en)
[origin: WO2021105876A1] A disc changing system for a robotic defect repair system is presented. The system has a first abrasive disc and a second abrasive disc. The first and second abrasive discs are coupled to a liner. The system includes an abrasive disc placement device configured to automatically: remove the first abrasive disc from the liner, transport the first abrasive disc to a robotic tool of the robotic defect repair system, and place the first abrasive disc on a backup pad coupled to the robotic tool. The system also includes an abrasive disc remover configured to automatically remove the first abrasive disc after receiving a removal signal. The system also includes a controller configured to send an instruction to the disc placement device to remove, transport and place the first abrasive disc, instruct the robotic tool to conduct an abrasive operation. The controller is also configured to send the removal signal. The controller is a processor and the instructions are stored on a non-transitory computer-readable medium and executed by the processor.

IPC 8 full level
B05D 5/00 (2006.01); **B24B 19/26** (2006.01); **B24B 27/00** (2006.01); **B24B 51/00** (2006.01); **B24B 57/04** (2006.01); **B24D 3/00** (2006.01); **B24D 9/08** (2006.01); **B24D 11/00** (2006.01); **B24D 11/02** (2006.01); **G01N 21/88** (2006.01)

CPC (source: EP US)
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Designated extension state (EPC)
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